

SECRET

REPORT

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INFORMATION REPORT

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SUPPLEMENT TO
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THIS IS UNEVALUATED INFORMATION

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1. Central Office of Research and Techniques, it was learned that Dr Rebenitsch (fnu) of the VEB Zeiss in Jena was in charge of the production of ADP type crystals (ammonium phosphate). Because of their better technical quality these crystals were used instead of Seignette salts (KNT) (potassium sodium tartrate) which had previously been generally used. So far these crystals have been mass produced in the USA. The production procedure, referred to as "Three-Pot-Process" was allegedly very difficult.
2. Physicist Moeckel (fnu) was a guest at the meeting. He worked at the Flagwitz plant, a secret development institute of Funkwerk Leipzig. Dr Lange was chief of the institute. Moeckel worked on the development of underwater sound microphones of which 20 to 30 units were to be produced for the ship to facilitate direction finding. These microphones were to be operated free of phase shifts. The technical development of such microphones with Seignette salt crystals had not been achieved yet. In 1951, Funkwerk Leipzig had a model of such underwater microphones equipped with Seignette salt crystals and other development activities of the Flagwitz plant were carried out as part of a "Special Project". Moeckel was in close contact with Dr Lange in the echo sounding laboratory of Funkwerk Koepenick. Dr Lange's colleague was not informed about this connection. Funkwerk Leipzig considered ADP crystals very good for export purposes, especially to those countries with a warm climate to which Seignette salt instruments could not be delivered.
3. Dr Falke (fnu) of the Hescho Plant for Ceramics in Hermsdorf produced barium titanate discs, for, among other customers, the Flagwitz plant. No proper work order had been received and these articles were of secondary importance. Pessler had complained about this fact in 1951. For 1955 Funkwerk Erfurt planned to produce AG-701 type tubes, a 4 V/0.15 Amp subminiature triode for microphones.
4. The Flagwitz plant developed electronic hearing aids to be produced by Funkwerk Koellada. At the stand of Funkwerk Erfurt at the Leipzig Fair it was said that DF 67 type tubes would be used for all hearing aids. No information was obtained on any completed units.

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5. Raue (fnu), the representative of Funkwerk Leipzig, complained about the lack of young personnel in the field of electro-acoustics, and that the higher salaries paid by the [redacted] for the production of the so-called geo-instruments (radio sets [redacted] transmitters) had caused many qualified experts to leave Funkwerk Leipzig.

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